Ontario

Ministry of Northern Development and Mines

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

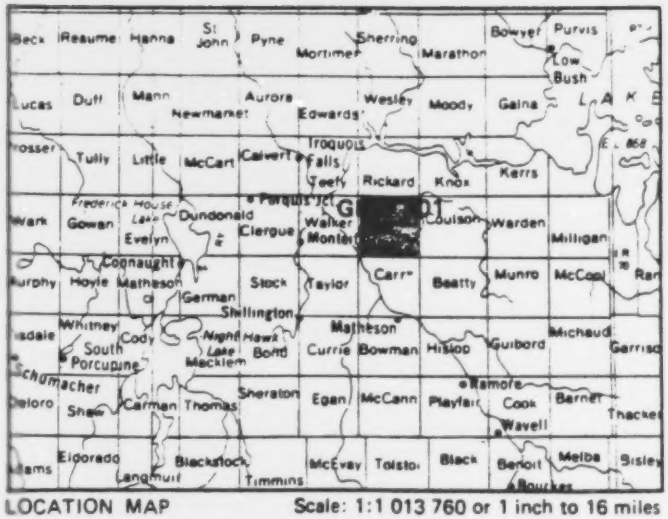
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 401

WILKIE TOWNSHIP

DISTRICT OF COCHRANE

Compiled by the Staff of
the Resident Geologist's Office
Kirkland Lake



LOCATION MAP

Scale: 1:1 013 760 or 1 inch to 16 miles

88-02259/

NTS Number 42A/09, 42A/10

Mining Claim Map Number

This project is part of Operation Black River-Matheson (BRIM) which was funded equally by the Ontario Ministry of Northern Development and Mines and the Ontario Ministry of Natural Resources.

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows.

Ontario Geological Survey
1987: Wilkie Township, District of Cochrane; Ontario Geological Survey, Geological Data Inventory Folio 401 compiled by the staff of the Resident Geologist's Office, Kirkland Lake, 36 p, and 2 maps.

Original Compilation by: Mike Woods and P. Savarie
May 20, 1987

Date	Page Revised	Revised by

Date	Page Revised	Revised by

WILKIE TOWNSHIP

TABLE OF CONTENTS

Data Sources Checklist 1
Metals and Minerals Reference List 2
Mineral Occurrences 3
Type of Work 6
Drill Hole Summary 10
Airborne Geophysical Survey Data 18
Geochemical Survey Data 19
Miscellaneous Data 20
Newspaper Clipping File 21
ODM General Index Search 22
Selected References 24
Notes and Addenda 36

ACCOMPANYING MAPS

Property Location Map 1

Exploration Data Map 1

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	YES	M.W.
2	Assessment Files Research Office, Toronto	NO	M.W.
3	ODM General Index; 9 volumes	YES	D.M.
4	Catalogue of Airborne Geophysical Surveys (ODM)	-	-
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	NO	M.W.
6	ODM Industrial Mineral Reports	NO	M.W.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	NO	M.W.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	NO	M.W.
9	Newspaper Clippings File	NO	M.W.
10	GSC Index to Publications	NO	M.W.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	M.W.
12	OGS Index Maps	YES	M.W.
13	Source Mineral Deposit Records (O.G.S.)	YES	M.W.
14	Author - Subject Articles File	YES	M.W.
15	Miscellaneous Papers - ODM & OGS	YES	M.W.
16	ODM Geological Circulars - OGS Study Series	NO	M.W.
17	ODM Preliminary Reports - ODM Bulletins	YES	M.W.
18	ODM – OGS Open File Reports	NO	M.W.
19	OGS Northern Ontario Engineering Geology Terrain Studies	NO	M.W.
20	OGS Aggregate Resources Inventory Papers	NO	M.W.
21	OGS Mineral Potential Maps	YES	M.W.

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . Anhydrite
- △ ank. . . . . Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . Apatite
- △ arg . . . . . Argentite
- △ As . . . . . Arsenic
- △ asp . . . . . Arsenopyrite
- △ asb . . . . . Asbestos
- △ ba. . . . . Barite
- △ be. . . . . Beryl
- △ Bi. . . . . Bismuth
- △ bn . . . . . Bornite
- △ bran . . . . . Brannerite
- △ bruc . . . . . Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . Carbonate
- △ cel . . . . . Celestite
- △ cc. . . . . Chalcocite
- △ cp. . . . . Chalcopyrite
- △ ch. . . . . Chert
- △ clay . . . . . Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . Columbite
- ▲ Cu . . . . . Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . Feldspar
- △ fl . . . . . Fluorite (fluorspar)
- △ fu. . . . . Fuchsite
- △ gn. . . . . Galena
- △ gt. . . . . Garnet
- △ goe . . . . . Goethite
- ▲ Au . . . . . Gold
- △ gf. . . . . Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . Ilmenite
- △ Fe . . . . . Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . Magnesite
- △ mag . . . . . Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . Marl
- △ mi . . . . . Mica
- △ ml . . . . . Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . Niccolite
- △ Ni. . . . . Nickel
- △ Nb . . . . . Niobium
- △ Pd . . . . . Palladium
- △ peat . . . . . Peat
- △ pent . . . . . Pentlandite
- △ Pt. . . . . Platinum
- △ py . . . . . Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . Pyrolusite
- △ po . . . . . Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . Quartz carbonate vein
- △ ra. . . . . Radioactive minerals
- △ RE . . . . . Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- △ Ag . . . . . Silver
- △ sl . . . . . Slate
- △ sm . . . . . Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . Sphalerite
- △ spd. . . . . Spodumene
- △ staur . . . . . Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . Stone
- △ talc. . . . . Talc
- △ Te . . . . . Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . Thorite
- △ Th . . . . . Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . Tourmaline
- △ trap . . . . . Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- △ U . . . . . Uranium
- △ verm . . . . . Vermiculite
- △ Y . . . . . Yttrium
- ▲ Zn . . . . . Zinc
- △ zr . . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Hollinger Mines Ltd. "Esso Minerals Group"	Au	C0127	Kirkland Lake Resident Geologist Assessment Files AFRO 1980, Wilkie Tp. DHR 18	DDH #W1-3-2-80 (12)* 0.01oz/T Au over 5 ft.
B_1	Nahanni Mines Ltd.	Au	-	Kirkland Lake Resident Geologist Assessment Files AFRO 1981, Wilkie Tp. DHR 20	DDH #W1-81-2 (43) 0.04oz/T Au over 5 ft.
B_2		Au	-	" "	DDH #W1-81-1 (44) 0.04oz/T over 3.5 ft.
C_1	Noranda Exploration Co. Ltd. "Wilkie 1-71"	Zn	C0125	Kirkland Lake Resident Geologist Assessment Files AFRO 1973, Wilkie Tp. DHR 13	DDH #W-73-6 (47) 1% Zn over 4 ft.
C_2		Cu,Au	-	" "	DDH #3 (50) 2.31% Cu over 5.5 ft. 0.02oz/T Au over 5 ft.
D_1	Wilcarr Mines Ltd.	Au	-	Kirkland Lake Resident Geologist Assessment Files	DDH #32 (54) 0.14oz/T Au over 2 ft.

*Number in brackets from Drillhole Summary sheets (pages 10-17)

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
D_2	Wilcarr Mines Ltd.	Au	-	Kirkland Lake Resident Geologist Assessment Files	DDH #26 (56) 0.02oz/T Au over 3 ft.
D_3		Au		" "	DDH #20 (61) 0.01oz/T Au over 2 ft.
D_4		Au		" "	DDH #18 (62) 0.01oz/T Au over 2.5 ft.
D_5		Au		" "	DDH #17 (63) 0.01oz/T Au over 10 ft.
D_5		Au		" "	DDH #14 (66) 0.067oz/T Au over 1 ft.
D_1		Au		" "	DDH #35 (70) 0.05oz/T Au over 1.5 ft.
D_6		Au		" "	DDH #19 (72) 0.02oz/T Au over 2.5 ft.
D_7		Au		ODM 1951,AR v.60 pt.4,p.21 OGS 1971,MRC 13 p.138 ODM Map P.156	"Quartz vein in mafic rock near a felsic intrusive contains pyrite and chalcopyrite and a grab sample assayed 0.01oz/T Au. During 1944-45 magnetic survey and 13 drill holes by Wilcarr Mines Ltd. Six claims of the property obtained in 1944 from Wilkie Mines Ltd."

WILKIE TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
E	Fournier, E.	Au	-	Kirkland Lake Resident Geologist Assessment Files	DDH #3 (5) 0.02oz/T Au over 3 ft.
		Au		" "	DDH #4 (6) 0.18oz/T Au over 2.5 ft.
F_1	Mattagami Lake Exploration Ltd.	Au	-	Kirkland Lake Resident Geologist Assessment Files AFRO 1980, Wilkie Tp. DHR 19	DDH #T4A-80-3 (33) 0.03oz/T Au over 2.5 ft.
F_2		Au		" "	DDH #T4A-80-1 (34) 0.05oz/T Au over 2 ft.
F_3		Au		" "	DDH #T4A-80-2 (35) 0.05oz/T Au over 1 ft.

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KIRKLAND LAKE COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	Amax Minerals Exploration "Wilkie 1"	80																		
2	Amax Minerals Exploration "Wilkie 2"	80			82															
3	Baulieu-Coderre-Thompson					79		39												
4	Canamax Resources Inc. "Carr 1"	84																		
5	Canamax Resources Inc. "Pipestone Project"								83	83										
6	Continental Copper Mines Ltd.				65															
7	Dominion Gulf Company "Walker-Wilkie 1"	53 54										54								
8	Field Explorations Ltd.							66												
9	Fournier, E.			84	84 85															
10	Hecla Mining Company of Canada Ltd.				70															

GDIF FORM NO. 2

WILKIE TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KIRKLAND LAKE COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
11	Hollinger Consolidated Gold Mines Ltd. "Block C"				39															
12	Hollinger Consolidated Gold Mines Ltd. "Block D"				39															
13	Hollinger Mines Ltd. "Esso Minerals Group"				80					78										
14	Hollinger Mines Ltd. "Group 1"				77								77							
15	Hollinger Mines Ltd. "Group 2"				77								77							
16	Hollinger Mines Ltd. "Group 4"				79															
17	Imperial Oil Ltd.											74	74							
18	Kidd Creek Mines Ltd. "McChristie Option"			84	85 86							84								
19	Kidd Creek Mines Ltd. "Wilkie 22"	84 85		84	83 84 85 86							84	84							

7

ODIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KIRKLAND LAKE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
20	Kidd Creek Mines Ltd. "Wilkie 26"	85			86															
21	Kidd Creek Mines Ltd. "Wilkie 31"	85			86 87							85	85							
22	Matheson Area							45												
23	Mattagami Lake Expl. Ltd.				80															
24	Maude Lake Gold Mines Ltd. "Wilkie-Carr Group"	84			85							84	84	84						
25	McChristie, N.				82 83															
26	McIntyre Mines Ltd. "Wilkie II & V"											74	74							
27	Nahanni Mines Ltd.				81 83															
28	Noranda Expl. Co. Ltd. "Wilkie 1-71"	62			62 73							72	72							

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KIRKLAND LAKE COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
29	Noranda Expl. Co. Ltd. "Wilkie-Walker"				65															
30	Pyke, D.R.											81	82							
31	Surveymin Limited "Grid K"											80	80							
32	Twin Falls Syndicate "Rickard, Coulson & Wilkie Property"				65								65							
33	Wilcarr Mines Ltd.	46			45 44							44								
34	Young-Davidson Mines Ltd.												65							

GOIF FORM NO. 7

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
1	Amax Minerals Exploration "Wilkie-2"	1035-02-1†	2/82	180°	-45°	152'	581'	py,carb,gf po,q	Au,Ag,Cu,Zn
2	Continental Copper Mines Ltd.	VW65-1	9/65	180°	-45°	148'	774'	py,calc	-
3	" "	VW65-2	10/65	180°	-45°	140'	607'	py,calc	-
4	" "	VW65-4	11/65	0°	-55°	6'	1116'	py,qcv	-
5	Fournier, E.	3	9/85	200°	-47°	0'	250'	py,qcv,po carb	Au
6	" "	4	9/85	160°	-50°	12'	252'	py,qcv,po,cp	-
7	" "	2	10/84	180°	-52°	0'	180'	py,po,carb q,qcv	Au
8	" "	1	10/84	180°	-55°	0'	240'	qcv,po,cp,py	Au
9	Hecla Mining Company of Canada Ltd.	1	4/70	180°	-48°	139'	507'	py,qcv,carb cp	-
10	Hollinger Consolidated Gold Mines Ltd. "Block C"	C-1	8/39	-	-55°		235'	abandoned	-
11	Hollinger Consolidated Gold Mines Ltd. "Block D"	D-1	6/39	-	-55°	87'	181'	qcv,py,q.	Au

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
† - Core stored at Swastika Core Storage Library
xx - No date
++ - From till heavy mineral concentrates

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
12	Hollinger Mines Ltd. "Esso Minerals Group"	WI-3-2-80†	4/80	18°	-55°	170'	672'	qcv,serp,gf carb,py,q	Au
13	" "	WI-3-1-80†	4/80	198°	-55°	124'	749'	py,calc,serp gf,carb	-
14	Hollinger Mines Ltd. "Group 1"	WI-1-2-77	11/77	180°	-55°	32'	764'	qcv,carb,calc py,gf,serp,cp qcv,sp	Au,Cu,Zn Ni,Ag,Pb
15	" "	WI-1-1-77	11/77	180°	-55°	180'	646'	py,qcv,serp sp,gn,po,gf mar	-
16	Hollinger Mines Ltd. "Group 2"	WI-2-1-77A	10/77	180°	-60°	307'	548'	carb,calc py,gf,mar	Au,Ag
17	Hollinger Mines Ltd. "Group 4"	WI-4-1-79†	3/79	180°	-55°	228'	701'	qcv,gf,serp	-
18	Kidd Creek Mines Ltd. "McChristie Option"	WI-15-1	3/85	180°	-50°	150'	1205'	qcv,carb,cp po,py,gf	Cu,Zn,Au Ag,Pb,As Co,Ni
19	" "	WI-15-3	3/85	180°	-50°	107'	1176'	py,gf,carb cp,po,qcv	Cu,Zn,Au Ag,Pb,As Co,Ni
20	" "	WI-15-4	3/86	180°	-70°	7'	1246'	py,qcv,q cp,carb	-

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
† - Core stored at Swastika Core Storage Library
xx - No date
++ - From till heavy mineral concentrates

GEOP FORM NO. 9

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
21	Kidd Creek Mines Ltd. "McChristie Option"	WI-15-2	3/85	180°	-50°	43'	1036'	py,qcv,carb sp,gn,po,cp	Cu,Zn,Au Ag,As,Pb Co,Ni
22	Kidd Creek Mines Ltd. "Wilkie 22"	WI-21-1	2/86	180°	-50°	203'	1086'	py,qcv,carb serp,gf	-
23	" "	WI-22-7	1/86	180°	-50°	160'	896'	qcv,po,carb py,sp,cp	-
24	" "	WI-22-1	1/86	180°	-60°		2035'	py,qcv,sp carb,po,cp	-
25	" "	WI-22-8	2/86	180°	-60°	112'	1076'	py,qcv,hem cp,po,gf	-
26	" "	WI-22-2	1/85	180°	-55°	116'	1727'	py,carb,po qcv,cp,sp	-
27	" "	WI-22-3	1/85	180°	-45°	30'	766'	py,qcv	-
28	" "	WI-22-4	1/85	180°	-48°	160'	1010'	py,qcv,sp,po Zn,gf,carb,q	-
29	" "	WI-22-5	2/85	180°	-45°	16'	1466'	py,qcv,gf,po sp,cp,q,Cu	-
30	" "	WI-22-6	3/85	180°	-50°	162'	1116'	py,qcv,hem carb,cp,po sp,serp	-
31	" "	WI-23-1	2/85	180°	-50°	170'	875'	py,qcv,serp carb	-

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
† - Core stored at Swastika Core Storage Library
xx - No date
++ - From till heavy mineral concentrates

GDIP FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
32	Kidd Creek Mines Ltd. "Wilkie 26"	WI-26-1	3/86	180°	-50°	154'	1002'	py,cp,gf,po qcv	-
33	Mattagami Lake Exploration Ltd.	T4A-80-3	9/80	180°	-50°	257'	727'	py,qcv	Au,Ag,Cu,Zn
34	" "	T4A-80-1	8/80	180°	-50°	191'	1041'	py,qcv,gf,po	Au,Ag,Cu,Zn
35	" "	T4A-80-2	9/80	180°	-55°	212'	757'	mag,qcv,py gf,carb	Au,Ag,Cu,Zn
36	Maude Lake Gold Mines Ltd. "Wilkie-Carr Grp."	MLM-85-11	4/85	-	-90°	42'	46'	py,mar,gn asp	Au
37	" "	MLM-85-12	4/85	-	-90°	17'	23'	-	-
38	" "	MLM-85-13	4/85	-	-90°	52'	57'	py,mar,gn	-
39	McChristie, N.	1	9/83	40°	-35°		114'	py,qcv,cp	-
40	" "	2	9/83	0°	-40°		135'	py,qcv	-
41	" "	3	10/83	-	-45°	5'	140'	py,qcv,cp	-
42	" "	82-1	2/82	0°	-45°	5'	138'	-	-
43	Nahanni Mines Ltd.	WI-81-2†	8/81	180°	-50°	107'	827'	py,gf,carb qcv,serp,po	Au
44	" "	WI-81-1†	8/81	180°	-55°	66'	1075'	py,qcv,gf mp,cp	Au

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GSIP FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
45	Nahanni Mines Ltd.	WI-83-3	9/83	180°	-50°	26'	1112'	carb,cp,sp qcv	-
46	Noranda Exploration Co. Ltd. "Wilkie 1-71"	W-73-5†	2/73	180°	-50°	84'	341'	py,po,cp,q	Au,Ag
47	" "	W-73-6†	2/73	180°	-50°	136'	438'	py,carb,sp cp,gf,po,qcv	Au,Ag,Cu,Zn
48	" "	1	8/62	180°	-65°	72'	355'	serp,asb,py qcv,gf	Au
49	" "	2	8/62	180°	-65°	106'	345'	serp,mag,py gf	-
50	" "	3	9/62	180°	-45°	23'	152'	py,qcv,cp	Au,Cu
51	Noranda Exploration Co. Ltd. "Wilkie-Walker"	1	2/65	180°	-55°	204'	370'	py,serp,q gf,qcv	-
52	" "	2	3/65	180°	-60°	240'	407'	q,calc,carb	Au,Ag
53	Twin Falls Syndicate "Rickard, Coulson & Wilkie Property"	9	6/65	30°	-52°	186'	555'	py,q,gf,mag po	-
54	Wilcarr Mines Ltd.	32	10/45	195°	-42°	8'	300'	py,qcv,q	Au
55	" "	27	9/45	195°	-45°	157'	479'	py,qcv	-
56	" "	26	8/45	195°	-45°	115'	822'	py,qcv,carb	Au

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xx - No date
++ - From till heavy mineral concentrates

GSCF FORM NO. 3

WILKIE TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
57	Wilcarr Mines Ltd.	24	7/45	195°	-44°	115'	191'	abandoned	-
58	" "	23	7/45	195°	-45°	210'	671'	qcv,serp carb	Au
59	" "	25	7/45	195°	-45°	113'	675'	-	Au
60	" "	21	6/45	175°	-45°	85'	460'	-	Au
61	" "	20	5/45	195°	-50°	110'	723'	-	Au
62	" "	18	11/44	155°	-45°	70'	505'	qcv	Au
63	" "	17	xx	169°	-45°	18'	356'	qcv	Au
64	" "	16	xx	175°	-45°	80'	530'	serp	Au
65	" "	15	11/44	195°	-45°	77'	481'	-	Au
66	" "	14	xx	150°	-45°	18'	306'	py,qcv,q carb	Au
67	" "	13	xx	198°	-45°		971'	py,qcv,q,po	Au
68	" "	12	9/44	195°	-45°	80'	612'	-	Au
69	" "	36	xx	195°	-45°	18'	320'	py,qcv,q carb	Au
70	" "	35	xx	195°	-45°	23'	300'	py,qcv,q carb,asp	Au

* - Length of overburden down drillhole
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xx - No date
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ODHF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
71	Wilcarr Mines Ltd.	34	xx	195°	-45°	14'	305'	py,qcv,carb	Au
72	" "	19	12/44	175°	-46°	60'	790'	-	Au
73	Kidd Creek Mines Ltd. "Wilkie 31".	WI41-02	1/87	180°	-55°	151'	751'	qcv,carb,py gf,sp	-
74	" "	WI41-03	1/87	180°	-55°	161'	1237'	py,carb,q qcv,gf,po	-
75	" "	WI41-04	1/87	182°	-57°	190'	915'	py,cp,qcv carb,q,gf	-
76	" "	WI41-05	2/87	180°	-55°	161'	1050'	py,carb,qcv q,cp,sp,gf	-
77	" "	WI41-1	3/86	180°	-50°	106'	1206'	py,qcv,carb gf,sp,q,cp mag	-
78	" "	WI51-1	3/86	180°	-50°	344'	956'	py,qcv,gf	-

* - Length of overburden down drillhole
? - Location unknown
** - No drill logs
† - Core stored at Swastika Core Storage Library
xx - No date
++ - From till heavy mineral concentrates

MILKIE TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
5	Aerodat Limited	Electromagnetic	Chopper-Bird 60m-30m 197'-99'	N-S	328' 100m
	Canamax Resources Ltd.	Magnetic	60m-15m 197'-49'		
13	Questor Surveys Ltd.				
	Hollinger Mines Ltd. "Esso Minerals Group"	Electromagnetic	400'-plane 150'-bird	N-S	1/8mi.

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference

GDIF FORM NO.5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

Aerial Photographs

Black and White scale 1:1/4 mile
scale 1:1 mile

Landsat Data scale 1:500,000

Band 3 , 9/5/83
Band 4 , 31/2/83
Bands 1+2+4 , 2/10/83
Bands 1+2+4 , 9/5/83

GDIF FORM NO.6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Kirkland Lake

Comstate Resources
The Northern Miner — Sep 20, 1984

Nahanni
The Northern Miner — Jun 17, 1982
Aug 25, 1986

ODM GENERAL INDEX SEARCH

Words searched:

Shallow River
Wilkie Township

Index Volume	Listing:	Report Volume	Part	Page
2	Wilkie Township			
	see also -Shallow River			
	Forest Fires	28	2	6
	Gold	28	2	22,63
	Rocks	28	2	5,20, 22,34
	Intrusive	28	2	33
	Shallow River, Black River. Tim.			
	Gold prospecting	28	2	63
	Gravel	28	2	5,67
	Pleistocene deposits near mouth	28	2	39
	Quartz porphyry	28	2	22
	altered to schists	28	2	35
	Xenoliths	28	2	28
5	Wilkie Tp., Coch.			
	Prospecting in	60	4	21
	Rocks	60	4	8,9,12
	Structure	60	4	17
9	Wilkie Tp., Coch.			
	Gravity Survey of Tim-Matheson area	GR 135		

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched

Index Volume	Listing	Report Volume	Part	Page

WILKIE TOWNSHIP

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Ayers, L.D. Lumbers, S.B. Milne, V.G. Robeson, D.W.	1970	Ontario Geological Map	ODMNA Map 2196	1:1 013 760
Ayers, L.D. Lumbers, S.B. Milne, V.G. Robeson, D.W.	1971	Ontario Geological Map, East Central Sheet	ODMNA Map 2198	1:1 013 760
Boissoneau, A.N.	1965	Algoma-Cochrane Surficial Geology, Ontario	ODL & P Map S365	1:506 880
Card, K.D. Sanford, B.V.	1983	Geology of the Timmins Map Sheet (NM-17)	GSC OF 956	1:1 000 000
Easton, R.M.	1986	Geochronology Compilation Map for Ontario: Sheet 3: East-Central Ontario, All Isotopic Systems	OGS Map P.2842	1:1 013 760
Ginn, R.M.	1964	Timmins-Kirkland Lake Sheet, Cochrane, Sudbury and Timiskaming Dists., Ont. Geol. Compilation Series	ODM Map 2046	1:253 440
Ginn, R.M. Fenwick, K.F.	1962	Iroquois Falls-Lake Abitibi Sheet, District of Cochrane	ODM Map P.140	1:126 720
Gordon, J.B.	1977	Gold Deposits of Ontario, East Central Sheet	OGS Map P.1228	1:1 013 760
Gordon, J.B.	1980	Vein Silver Deposits of Ontario, East Central Sheet	OGS Map P.2300	1:1 013 760
Guillet, G.R.	1977	Clay and Shale Deposits of Ontario	OGS Map 2358 (MDC 15)	1:200 000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Jost, M.	1977	Nickel Deposits of Ontario, East Central Sheet	OGS Map P.1062	1:1 013 760
Lumbers, S.B. Milne, V.G.	1979	Ontario Geological Map, Explanatory Text, Legend and Diagrams of Major Lithologies, Structures and Zones of Metamorphism	OGS Map 2391	1:1 013 760
Lumbers, S.B. Milne, V.G.	1979	Ontario Geological Map, East Central Sheet	OGS Map 2393	1:1 013 760
McCrank, G.F. Brown, P.A. Misiura, J.D.	1980	Plutonic Rocks in Ontario, with map.	GSC OFR 706	
MERQ-OGS	1984	Lithostratigraphic Map of the Abitibi Subprovince	OGS Map 2484 Que Map DV83-16	1:500 000
Meyn, H.D. Howarth, J.R.	1977	Molybdenum Deposits of Ontario, East Central Sheet	OGS Map P.1246	1:1 013 760
Meyn, H.D. Robertson, J.A.	1975	Iron Deposits of Ontario, East Central Sheet, Districts of Thunder Bay, Algoma, Cochrane, Sudbury, Timiskaming and Nipissing	ODM Map P.1043	1:1 013 760
Ministry of Natural Resources	1985	Ontario Mineral Map	ODM Map 2472	1:1 584 000
Minnes, D.G. Masham, J.S. Scott, D.W. Vos, M.A. & Yundt, S.E.	1983	Industrial Minerals of Ontario	OGS Map P.2591	1:1 500 000
ODM	1969	Mining Divisions and Resident Geologists Districts	ODM Map 2189	1:1 584 000
ODM	1974	Ontario Mineral Map	ODM Map 2310	1:1 584 000

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SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
ODM	1977	Ontario Geology and Principal Minerals	ODM Map 2389 (Rev.)	1:4 224 000
ODMNA	1971	Ontario Geology and Principal Mineral Collecting Localities, Discover Ontario	ODMNA Map 2211	1:4 224 000
OGS	1986	Geological Highway Map, Northern Ontario	OGS Map 2506	1:1 600 000
Pyke, D.R., Ayres, L.D. Innes, D.G.	1973	Timmins - Kirkland Lake, Geological Compilation Series, Cochrane, Sudbury and Timiskaming Districts	ODM Map 2205	1:253 440
Robertson, J.A.	1976	Mineral Potential Map of Ontario, East Central Sheet	ODM Map P.1099	1:1 013 760
Robertson, J.A.	1982	Uranium and Thorium Deposits of Ontario, East Central Sheet, NTS 31/NW, 32/W, 41/N, 42	OGS Map P.2426	1:1 013 760
Springer, J.	1977	Ontario Mineral Potential, Timmins Sheet and Part of Noranda-Rouyn Sheet, Districts of Sudbury, Timiskaming and Cochrane	OGS Map P.1517	1:250 000
		GEOPHYSICAL MAPS		
Data Plotting Services Inc.	1984	Matheson-Black River Area (BRIM) Magnetic Survey Total Field, based on Airborne Electromagnetic and Total Intensity Magnetic Survey, Matheson-Black River Area, by Questor Surveys Ltd. for the OGS. (1984)	MNDM Resident Geologist's Office, Kirkland Lake, Ontario	1:80 000
Data Plotting Services Inc.	1985	Matheson-Black River Area (BRIM) Airborne Magnetic Survey Second Vertical Derivative based on Airborne Electromagnetic and Total Intensity Magnetic Survey, Matheson-Black River Area, by Questor Surveys Ltd. for the OGS. (1984)	MNDM Resident Geologist's Office, Kirkland Lake, Ontario	1:100 000

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Author	Date	Title	Reference	Map Scales and/or Report Pages
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GSC	1970	Porquis Junction, Cochrane District, Aeromagnetic Series	GSC Map 297G (Rev.)	1:63 360
GSC	1970	Matheson, Cochrane District, Aeromagnetic Series	GSC Map 296G (Rev.)	1:63 360
GSC	1970	Timmins, Cochrane, Timiskaming and Sudbury Districts, Ontario, Total Field Contour Map	GSC Map 7085G	1:250 000
GSC	1970	Matheson, Cochrane District, Aeromagnetic Series	GSC Map 8434G	1:31 680
GSC	1970	Porquis Junction, Cochrane District, Aeromagnetic Series	GSC Map 8439G	1:31 680
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ODMNA	1974	Aeromagnetic Index of Ontario	ODMNA Map 2229	1:1 900 800
OGS	1984	Airborne Electromagnetic and Total Intensity Magnetic Survey, Matheson-Black River Area, Wilkie Township	OGS Map 80 574	1:20 000 1:31 680
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Total Count, Timmins, NTS 42A	OGS Map 80 280 GSC Map 35142G	1:250 000
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GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
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OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Thorium (eTh), Timmins, NTS 42A	OGS Map 80 283 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric eU/Th Ratio, Timmins, NTS 42A	OGS Map 80 284 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric eU/K Ratio, Timmins, NTS 42A	OGS Map 80 285 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric eTh/K Ratio, Timmins, NTS 42A	OGS Map 80 286 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Profiles of Integral U, Th, K, U/Th, U/K, Th/K, for line 55 (2), Timmins, NTS 42A	OGS Map 80 310 GSC Map 35142G	1:250 000
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Averill, S.A. MacNeil, K.A. Huneault, R.G. Baker, C.L.	1986	Rotasonic Drilling Operations (1984) and Overburden Heavy Mineral Studies, Matheson Area, District of Cochrane	OGS OFR 5569	61p.
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Barlow, R.B. Pitcher, D.H.	1984	An Airborne Electromagnetic-Magnetic Survey of the Black River-Matheson (BRIM) Area, District of Cochrane	OGS MP 119	p.287-289
Bath, A.C.	1985	Black River-Matheson Economic Geologist Program	OGS MP 126	p.301-311
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Ferguson, S.A. Groen, H.A. Haynes, R.	1971	Gold Deposits of Ontario	ODM Min. Res. Circ. No. 13 pt. 1	315p.
Fortescue, J.A.C.	1984	Summary of Activities 1984, BRIM Program	OGS MP 119	p.274-277
Ginn, R.M. Leahy, E.J.	1961	Hanna-Coulson Sheet, District of Cochrane	ODM Map P.132	1:63 360
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Hodgson, C.J.	1983	Preliminary Report on the Timmins-Kirkland Lake Area Gold Deposits File	OGS OFR 5467	434p.
Hopkins, P.E.	1915	Beatty-Munro Gold Area, Timiskaming District	OBM Map 24A AR 24, pt.1	1:63 360 p.171-184
Hughes, O.L.	1959	Surficial Geology of Iroquois Falls, Cochrane District, Ontario	GSC Map 46-1959	1:16 720
Hurst, M.E.	1943	Abitibi-Timiskaming Area, Districts of Cochrane and Timiskaming	ODM Map 1934A	1:126 720
Jensen, L.S.	1985	Geological Overview of the BRIM Area (Abstract)	OGS Geo. Sci. Seminar & Open House '85	p.6
Jensen, L.S. Langford, F.F.	1983	Geology and Petrogenesis of the Archean Abitibi Belt in the Kirkland Lake Area, Ontario	OGS OFR 5455	520p.
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Karvinen, W.O.	1975	Porquis Junction Area, District of Cochrane	ODM MP 63	p.104-106
Kindle, E.D.	1936	Gold Occurrences of Ontario, East of Lake Superior	GSC Memoir No.192	
Knight, C.W. Burrows, A.G. Hopkins, P.E., Parons, A.L.	1919	Gold Area Between Lakes Abitibi and Night Hawk, Timiskaming District	OBM Map 288	1:126 720

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Lee, H.A.	1979	Northern Ontario Engineering Terrain Study, Data Base Map, Iroquois Falls	OGS Map 5027	1:100 000
Lovell, H.L. Caine, T.W.	1970	Lake Timiskaming Rift Valley	ODM MP 39	
Lovell, H.L. Grabowski, G. Guindon, D. Bath, A.C.	1986	Kirkland Lake Resident Geologist Area, Northern Region	OGS MP 128	p.179-212
Malczak, J.	1985	Industrial Mineral Potential of the Black River-Matheson (BRIM) Area, District of Cochrane	OGS MP 126	p.326-328
Malczak, J.	1985	Overview of the Industrial Mineral Potential of the Black River-Matheson (BRIM) Area (Abstract)	OGS Geo. Sci. Seminar & Open House '85	p.9
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Middleton, R.S.	1976	Gravity Survey of Geological Structures in the Timmins and Matheson Area, NTS 42A, Cochrane, Sudbury and Timiskaming Districts	ODM GR 135 Maps 2321 2322	
OGS	1984	Ontario Mineral Deposit Inventory	OGS OFR 5470	
OGS	1986	Backhoe Till Samples, Clergue, Walker and Wilkie Townships, District of Cochrane	OGS Map 80 795	1:100 000

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Pitcher, D.H. Barlow, R.B. McNeill, J.D.	1984	Mapping the Overburden in Black River-Matheson (BRIM) Area, District of Cochrane, employing an airborne time-domain system	OGS MP 119	p.299-307
Prest, V.K.	1952	Geology of the Carr Township Area, Cochrane District, Ontario	ODM AR v.60, pt.4 ODM Map 1951-1	24p.
Richard, J.A.	1984	Quaternary Geology of the Porquis Junction (42A/10) and Watabeag River (42A/7) Map Areas, District of Cochrane	OGS MP 119	p.283-286
Richard, J.A. McClenaghan, M.B.	1985	Quaternary Geology of the Porquis Junction Area, District of Cochrane, (42A/10)	OGS Map P.2949	1:50 000
Sado, E.V.	1985	Summary of Activities 1985, Operation Black River-Matheson (BRIM)	OGS MP 126	p.287-290
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Steele, K.G. Baker, C.L. McClenaghan, M.B.	1986	Reconnaissance Till Sampling Program, Matheson-Abitibi Area, District of Cochrane	OGS MP 132	p.398-403
Steele, K.G. McClenaghan, M.B. Baker, C.L.	1986	Gold Grains in Backhoe Till Samples (1984-85) from the Matheson-Lake Abitibi Area, District of Cochrane	OGS Map P.2983	1:100 000
Strangway, D.W. Geissman, J.W. Bambrick, J. Letros, S. et al.	1981	Magnetism and Stratigraphy in Volcanic and Sedimentary Rocks of the Abitibi Belt	OGS MP 98	p.251-266
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Vos, M.A.	1971	Asbestos in Ontario	ODMNA Min. Rept. No. 36	
Whittaker, P.J.	1985	Regional Metallogenesis of the BRIM Area, District of Cochrane (Abstract)	OGS Geo. Sci. Seminar & Open House '85	
Whittaker, P.J.	1986	Metallogenic Studies in the Black River-Matheson Area, Cochrane District	OGS OFM 65	
Whittaker, P.J. Malczak, J.	1984	Mineral Deposits Investigation in the Black River-Matheson (BRIM) Area, District of Cochrane	OGS MP 119	p.290-294

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SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
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Agterberg, F.P. Chung, C.F. Fabbri, A.G. Kelly, A.M.	1972	Geomathematical Evaluation of Copper and Zinc Potential of the Abitibi Area, Ontario and Quebec	GSC Paper 71-41	55p.
Canada Department of Agriculture	1978	Soils of Timmins-Noranda-Rouyn Area, Ontario, NTS 42A-32D	Can. Dept. of Agri. Soil Surv. Rept. No. 46	
Goodwin, A.M.	1980	Archean Volcanic Studies in the Timmins-Kirkland Lake-Noranda Region of Ontario and Quebec	GSC Bull. 278 Map 1461A	51p. 1:250 000
Goodwin, A.M.	1980	Geology of Timmins-Kirkland Lake, Ontario-Quebec	OGS Map 1461A acc. Bull. 278	
Jensen, L.S.	1985	Stratigraphy and Petrogenesis of Archean Metavolcanic Sequences, Southwestern Abitibi Subprovince, Ontario	GAC Spec. Paper No. 28	p.65-88
Kutina, J. Fabbri, A.	1972	Relation of Structural Lineaments and Mineral Occurrences in the Abitibi Area	GSC Paper 71-9	
Lee, H.A.	1968	An Ontario Kimberlite Occurrence Discovered by Application of the Glaciofocus Method to a Study of the Munro Esker	GSC Paper 68-7	3p.
Lorsong, J.	1975	Stratigraphy and Sedimentology of the Porcupine Group (Early Precambrian), Northeastern Ontario	Unpub. BSc Thesis U of Toronto	
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Author	Date	Title	Reference	Map Scales and/or Report Pages
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Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 401

(Map 1 of 2)

WILKIE TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

80°37' 00"

48°42' 00"

48°38' 30"

80°27' 30"

EXPLORATION DATA FILE AREAS

■ ① ⑥ Reference number is always inside work area outlined. See listing on text pages.

■ x ④ Small area exploration.

GEOLOGICAL DATA INVENTORY FOLIO 401

(Map 1 of 2)

WILKIE TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

48° 35' 30"

EXPLORATION DATA FILE AREAS

■ /① \⑤ Reference number is always inside work area outlined. See listing in text pages

■ x ④ Small area exploration

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

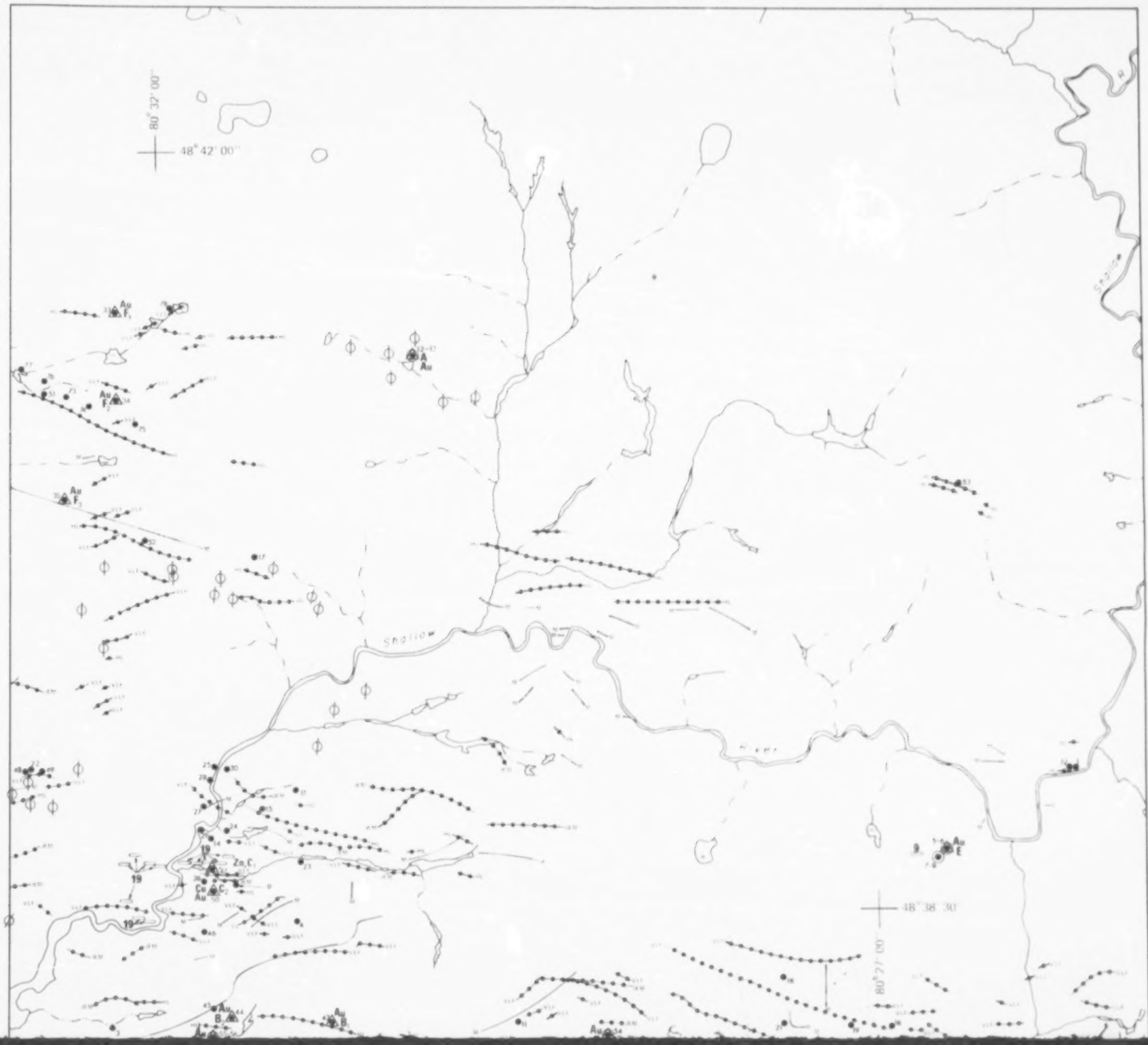
- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- AM — Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis : definite, probable, possible
- ARA — Airborne radiometric anomaly
- M — Ground magnetic anomaly
- VL — Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horizontal
  VLF - Very low freq; Turam; JEM
  Crone Em - 16)
- RA — Ground radiometric anomaly
- IP — Induced polarization anomaly
- SP — Self potential anomaly
- AFMAG — Audio-frequency magnetic anomaly
  (total intensity)
- R — Resistivity anomaly
- GR — Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit with reference number
- Adit
- Open pit
- Rock quarry
- Sand and or gravel pit



Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 401

(Map 2 of 2)

WILKIE TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

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GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A — Mineral occurrence at surface, with reference letter
- Au A 84 — Mineral occurrence with shaft, depth given with reference letter
- Ag A — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A — Mineralized float with reference letter
- cp A 12 — Mineral occurrence in drillhole, with reference letter, and drillhole number

DRILLHOLE

- 2 — Location of single drillhole, with reference number
- 2 — Location of closely spaced group of drillholes, with reference number
- ? 2 — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- 2 — Property with drillholes which have not been plotted on map, with reference number

Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- AM — Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
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  Conductor axis: definite, probable, possible
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- Adit
- Open pit
- Rock quarry
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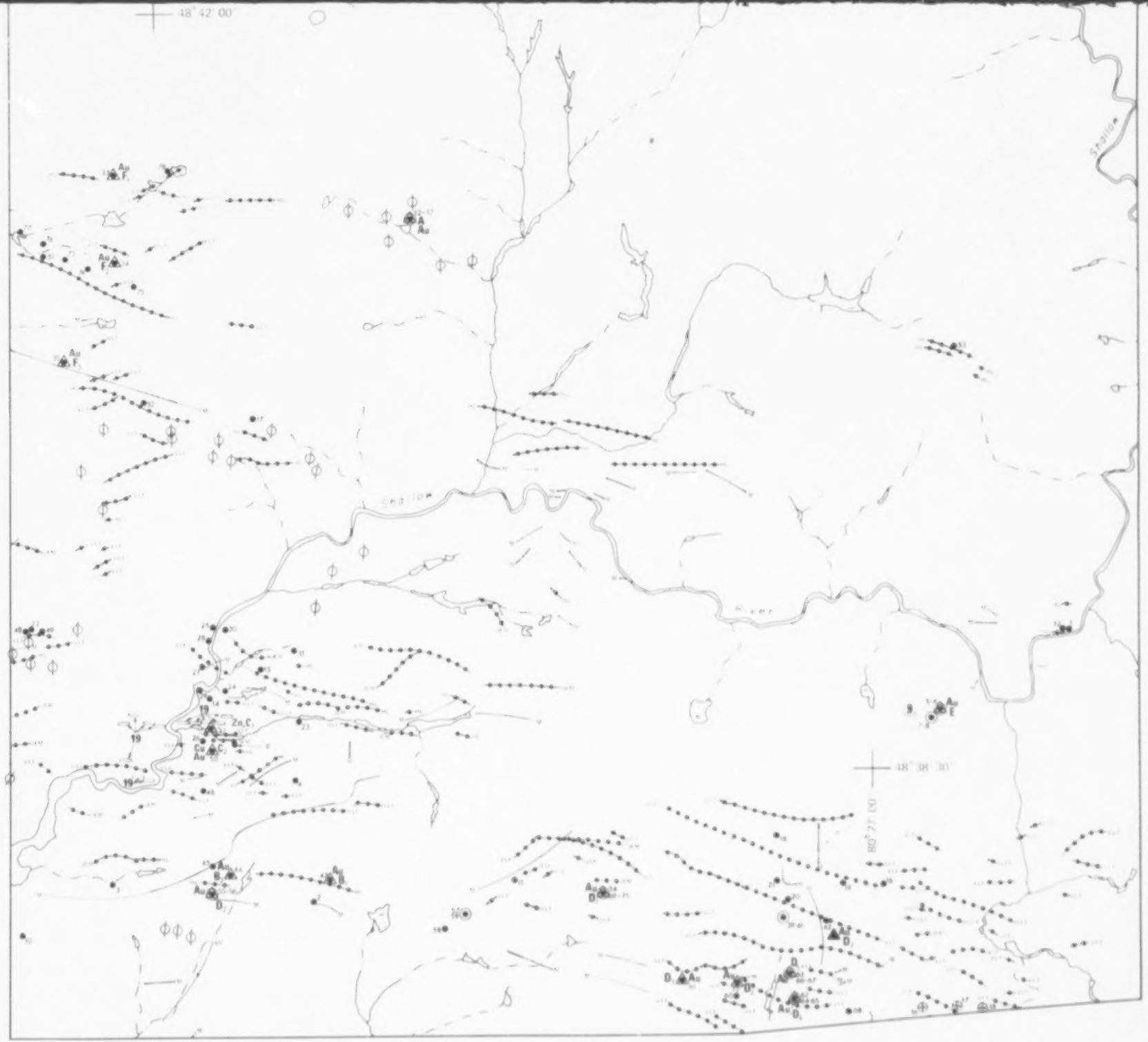
NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



GEOLOGICAL DATA INVENTORY FOLIO 401

(Map 2 of 2)

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DISTRICT OF COCHRANE

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- 2 — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- 2 — Property with drillholes which have not been plotted on map, with reference number
- 2 — Reverse circulation drillhole; churn drilling, with reference number